

AMENDMENTS

In the Claims

1. (Previously Presented) A method comprising:
obtaining a message from a first component of a software system;
identifying a module to handle scheme-specific communication of the message; and
using the module for communicating the message from the first component to a second component of the software system, the communicating the message including using a first resource locator to identify the first component and using a second resource locator to identify the second component, the first resource locator including a first resource locator communication scheme indication portion, a first resource locator network node name indication portion, a first resource locator port identifier indication portion and a first resource locator path indication portion, the second resource locator including a second resource locator communication scheme indication portion, a second resource locator network node name indication portion, a second resource locator port identifier indication portion and a second resource locator path indication portion.

2. (Original) The method of claim 1 wherein
the communicating the message comprises using communication scheme-specific programming code of the module, wherein
the first component does not comprise the communication scheme-specific programming codes; and
the second component does not comprise the communication scheme-specific programming code.

3. (Original) The method of claim 1 wherein
the using the module for communicating the message comprises at least one of a group consisting of the following:

using a communication scheme-specific transmitter for transmitting the message;

and

using a communication scheme-specific receiver for receiving the message.

4. (Original) The method of claim 1 wherein

the identifying the module comprises calling a communication scheme handler to identify the module.

5. (Original) The method of claim 4 wherein

the identifying the module comprises at least one of a group consisting of the following:
requesting a transmitter server to identify the module; and
requesting a receiver server to identify the module.

6. (Original) The method of claim 1 wherein

the communicating the message comprises using a common interface for the first component and the second component.

7. (Canceled).

8. (Previously Presented) The method of claim 1 wherein

the communicating the message comprises:

using a first communication scheme from the first resource locator for communicating with the first component; and

using a second communication scheme from the second resource locator for communicating with the second component.

9. (Original) The method of claim 8 wherein

the first and second communication schemes are the same.

10. (Previously Presented) A software system comprising:
a common interface to communicate between a first component of a software system and
a second component of the software system; and
a communication scheme handler to identify a module to handle scheme-specific
communication between the first component and the second component;
a first resource locator for the first component, the first resource locator including a first
resource locator communication scheme indication portion, a first resource locator
network node name indication portion, a first resource locator port identifier
indication portion and a first resource locator path indication portion; and
a second resource locator for the second component, the second resource locator
including a second resource locator communication scheme indication portion, a second resource locator
network node name indication portion, a second resource locator port identifier indication portion and a second resource locator path
indication portion.

11. (Previously Presented) The software system of claim 10 wherein
the module comprises communication scheme-specific programming code;
the first component does not comprise communication scheme-specific programming
code; and
the second module does not comprise communication scheme-specific programming
code.

12. (Original) The software system of claim 10, wherein
the first component uses the common interface to request the module to communicate a
first message to the second component; and
the second component uses the common interface to request the module to communicate
a second message to the first component.

13. (Original) The software system of claim 10 wherein
the module corresponds to at least one of a group consisting of the following:
a communication scheme-specific transmitter; and
a communication scheme-specific receiver.

14. (Original) The software system of claim 10 further comprising:
a communication scheme handler to identify the module.
15. (Original) The software system of claim 10 further comprising:
a communication scheme handler to identify the module using at least one of a group
consisting of the following:
a transmitter server; and
a receiver server.
16. (Canceled).
17. (Previously Presented) The software system of claim 10 wherein
the first resource locator comprises a first communication scheme for the first
component; and
the second resource locator comprises a second communication scheme for the second
component.
18. (Previously Presented) A computer program product comprising:
obtaining instructions to obtain a message from a first component of a software system;
identifying instructions to identify a module to handle scheme-specific communication of
the message;
using instructions to use the module to communicate the message from the first
component to a second component of the software system, the using instructions
including resource locator instructions to use a first resource locator to identify
the first component and use a second resource locator to identify the second
component, the first resource locator including a first resource locator
communication scheme indication portion, a first resource locator network node
name indication portion, a first resource locator port identifier indication portion
and a first resource locator path indication portion, the second resource locator
including a second resource locator communication scheme indication portion, a
second resource locator network node name indication portion, a second resource

locator port identifier indication portion and a second resource locator path indication portion; and

a computer-readable medium to store the obtaining instructions, the identifying instructions and the using instructions.

19. (Original) The computer program product of claim 18 wherein the using instructions comprise:

scheme-specific instructions to use communication scheme-specific programming code of the module, wherein
the first component does not comprise the communication scheme-specific programming code; and
the second component does not comprise the communication scheme-specific programming code;

and

the computer readable medium further stores the scheme-specific instructions.

20. (Original) The computer program product of claim 18 wherein the using instructions comprise:

transmitting instructions to use a communication scheme-specific transmitter to transmit the message; and
receiving instructions to use a communication scheme-specific receiver to receive the message;

and

the computer-readable medium further stores the transmitting instructions and the receiving instructions.

21. (Previously Presented) The computer program product of claim 18 wherein the identifying instructions comprise:

calling instructions to call a communication scheme handler to identify the module;

and

the computer-readable medium further stores the calling instructions.

22. (Previously Presented) The computer program product of claim 18 wherein the identifying instructions comprise:

transmitter requesting instructions to request a transmitter server to identify the module; and

receiver requesting instructions to request a receiver server to identify the module; and

the computer-readable medium further stores the transmitter requesting instructions and the receiver requesting instructions.

23. (Previously Presented) The computer program product of claim 18 wherein the instructions comprise:

interface using instructions to use a common interface to communicate with the first component and the second component;

and

the computer-readable medium further stores the interface instructions.

24. (Canceled).

25. (Previously Presented) The computer program product of claim 18 wherein the using instructions further comprise:

scheme instructions to

use a first communication scheme from the first resource locator to communicate with the first component; and

use a second communication scheme from the second resource locator to communicate with the second component.

26. (Original) The computer program product of claim 25 wherein the first and second communication schemes are the same.